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PATENT
Attorney Docket No. 219603
Client Reference No. KAUS4305017

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kasid et al.

Application No. 09/930,283

Filed: August 16, 2001

For: LIPOSOMES CONTAINING
OLIGONUCLEOTIDES

Art Unit: 1635

Examiner: T. Gibbs

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RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated October 23, 2002, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE SPECIFICATION:

Amend the indicated paragraphs to read as follows:

Replace the first paragraph on page 2, beginning at line 1, with:

Summary of the Invention:

B
It is possible to radiosensitize tumor cells by administration of compositions containing the Human antisense *c-ras*-1 oligodeoxyribonucleotide (ODN/oligo) sequence: 5'-GTGCTCCATTGATGC-3' (SEQ ID NO: 1) wherein only the end bases are phosphorylated is a preferred sequence. Antisense sequences of up to 40 bases which containing this sequence may be used in accord with the teachings of this disclosure. A composition of the 25-mer oligo: 5'-CCTGTATGTGCTCCATTGATGCAGC-3' (SEQ ID NO: 2) wherein the sequence is also effective. Compositions comprising cationic liposomes containing at least one non-toxic cationic lipid, phosphatidylcholine and cholesterol may be used as a carrier system.